

CALIFORNIA DEPARTMENT OF WATER RESOURCES

State Water Project



California Water Commission

March 17, 2021

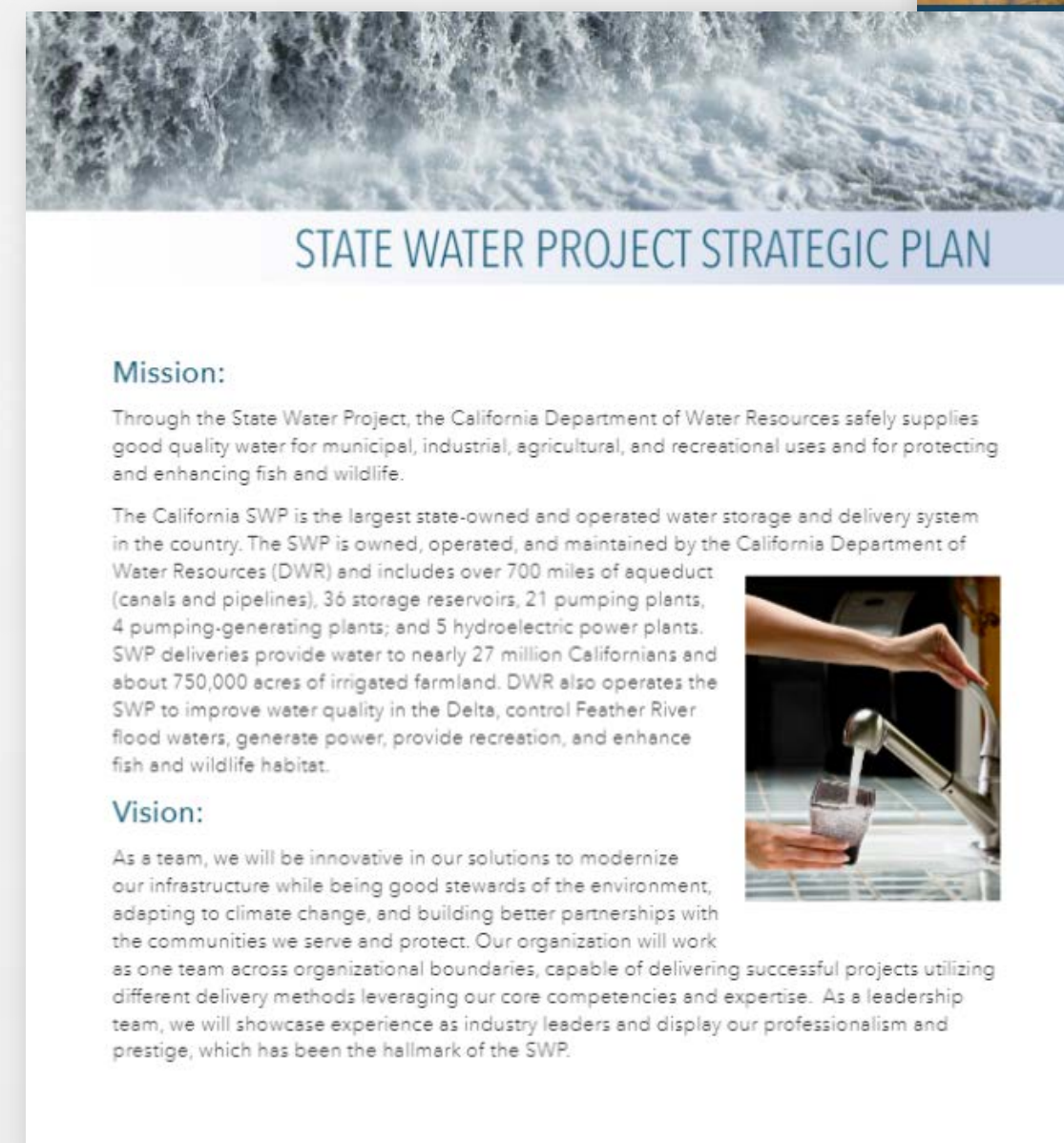
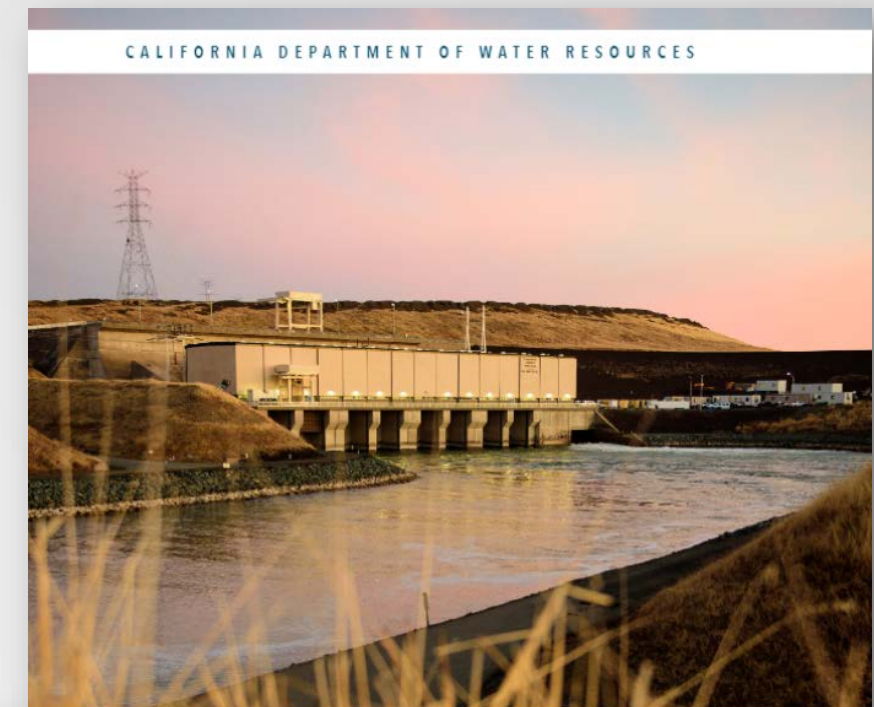
State Water Project Strategic Plan

Mission: Safely supply quality water for the benefit of Californians and the environment

Vision: As ONE team develop innovative solutions to modernize, maintain, and operate SWP infrastructure while being good stewards and building partnerships

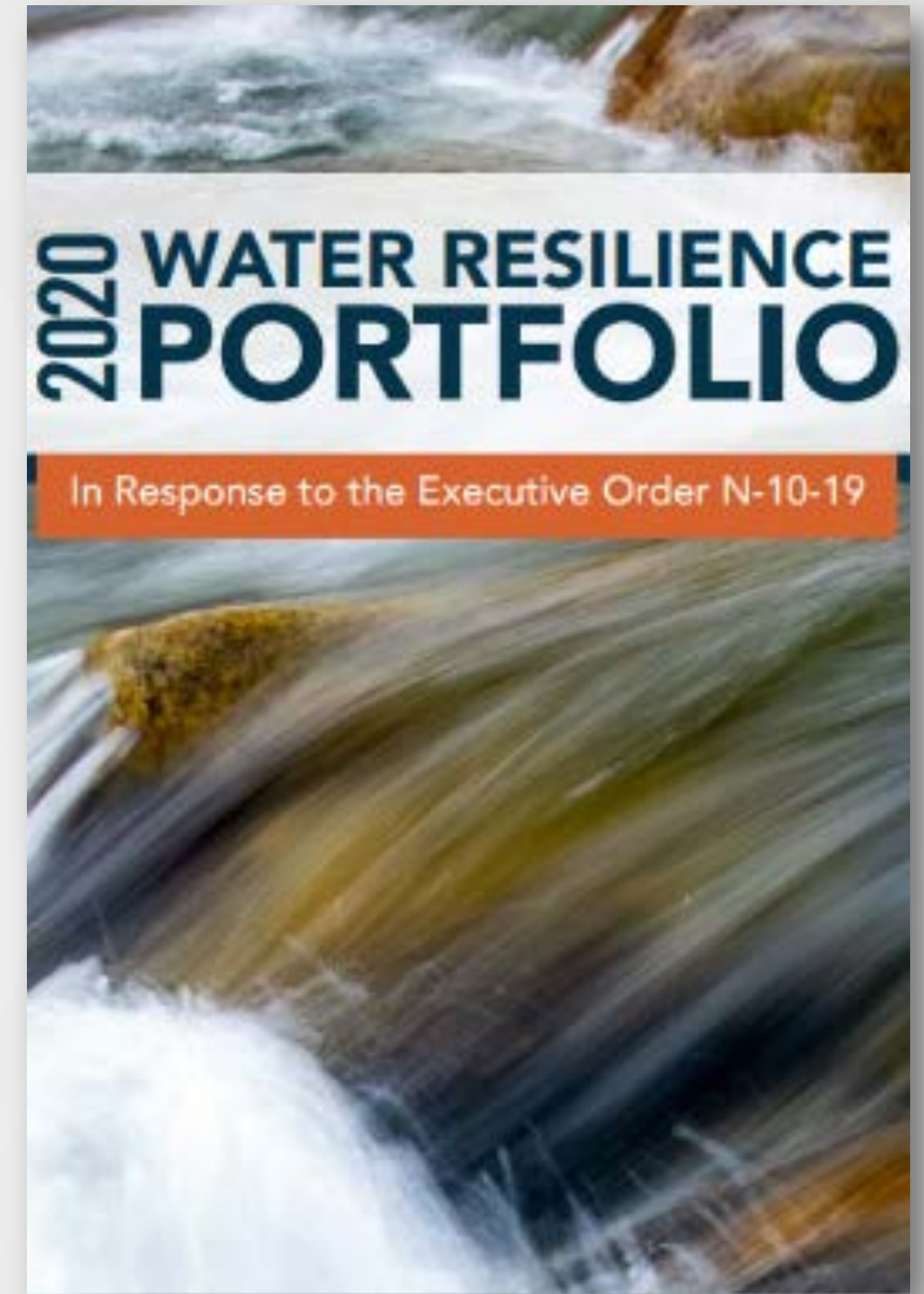


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Water Resiliency

- Delta Conveyance
- Subsidence effects on water infrastructure
- Water Transfers
- Risk-informed asset management plans
- Forecast-informed reservoir operations

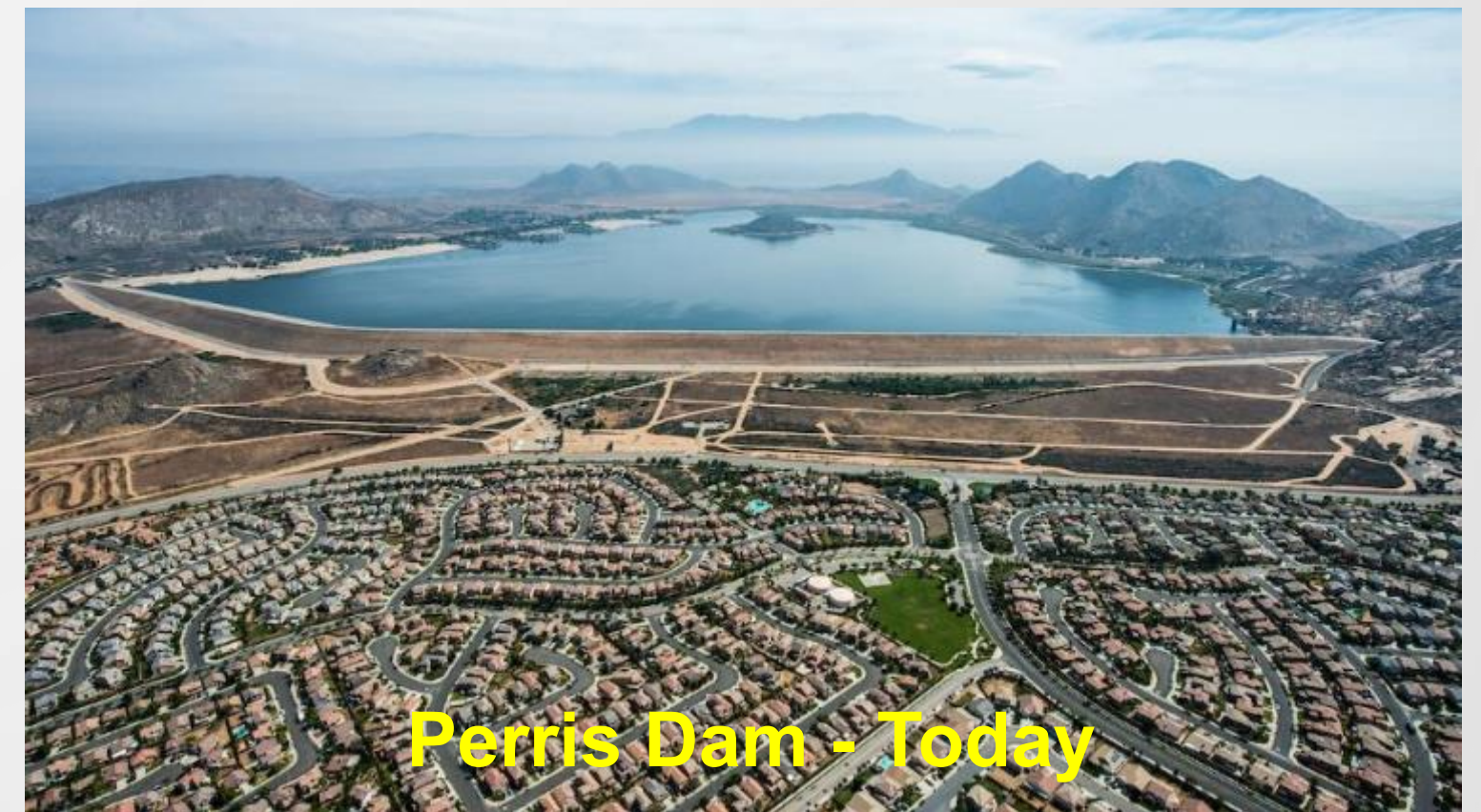


Challenges to ensure continued operation of the SWP

- Aging infrastructure
- Safety, security and emergency response
- Subsidence along the Aqueduct
- Climate change and natural disasters
- Growing population increases demands
- Long term affordability
- Regulatory compliance



Perris Dam - 1973 just after completion

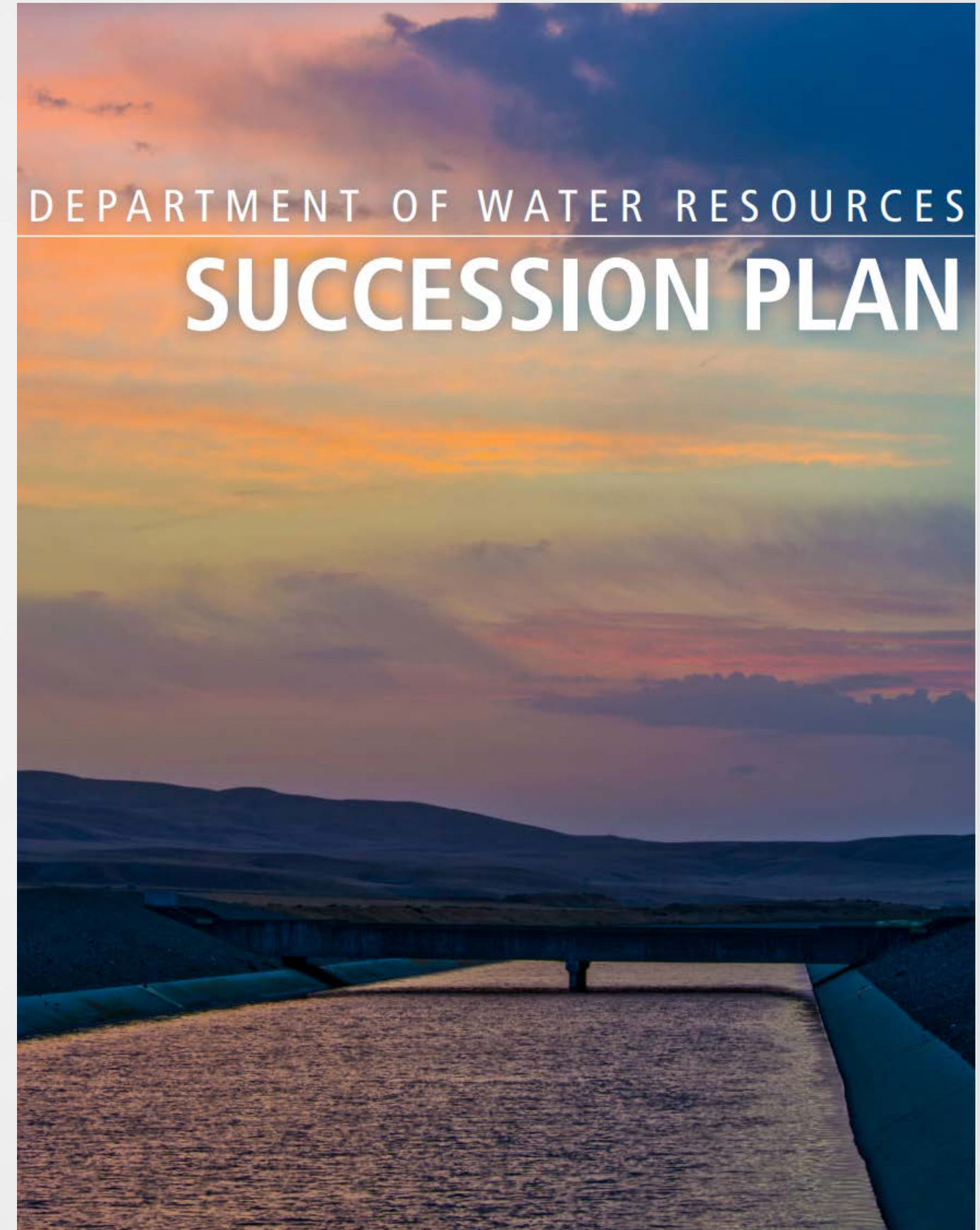


Perris Dam - Today



Workforce Initiatives

- SWP One Team
- Succession Planning
- Division Enhancements
- New Aging Infrastructure Positions



Continued Investment

- Infrastructure over 60 years old
- \$7.6 billion State capital investment through 2016
- \$15.4 billion in SWP operating costs through 2016
- \$1.3 billion current annual costs
 - \$750 million in SWP operating costs



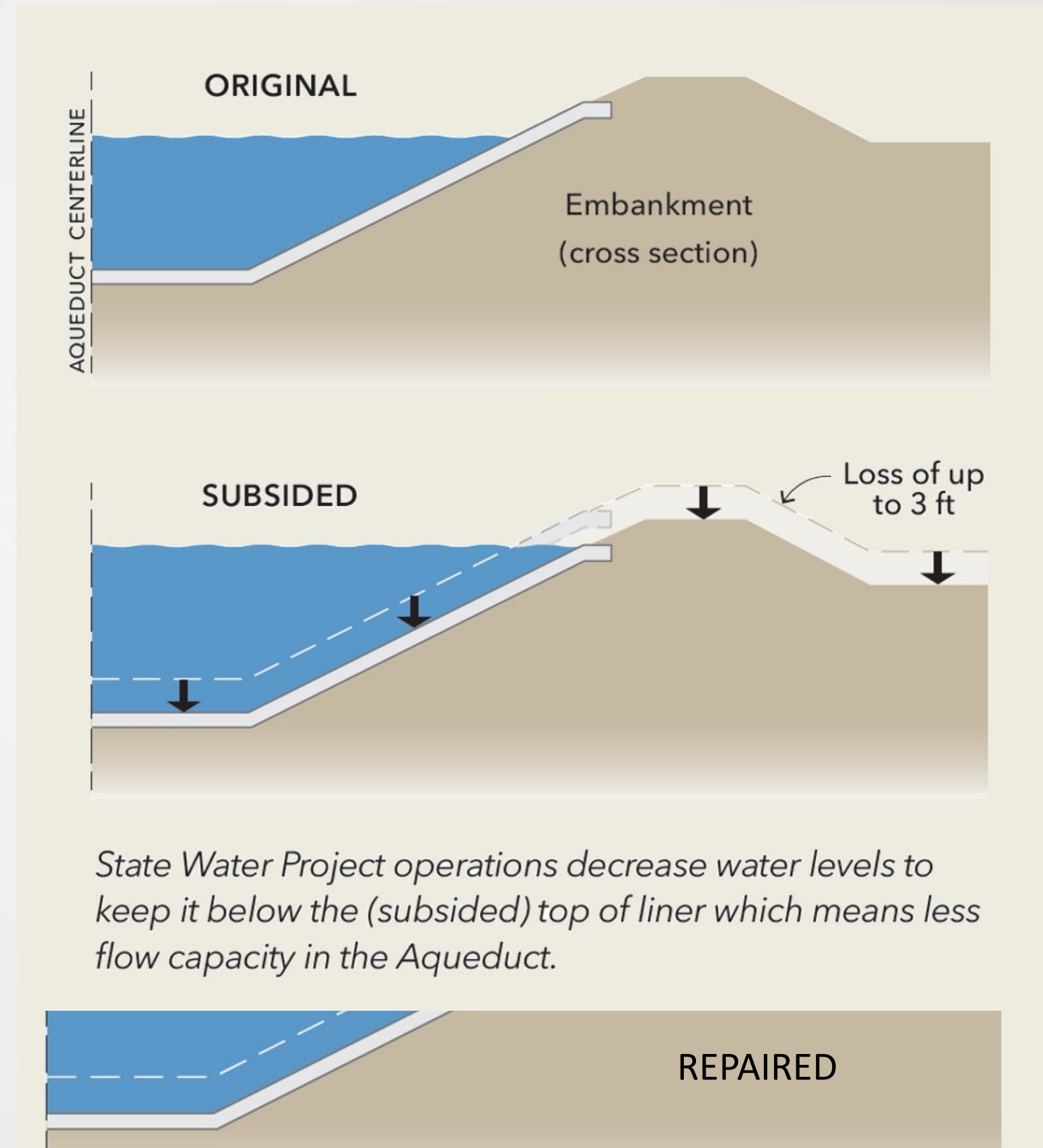
Operations and Maintenance

- Asset Management
- Maintenance Management
- Dam Safety Enhancements
- Infrastructure Improvements
- Workforce and Public Safety



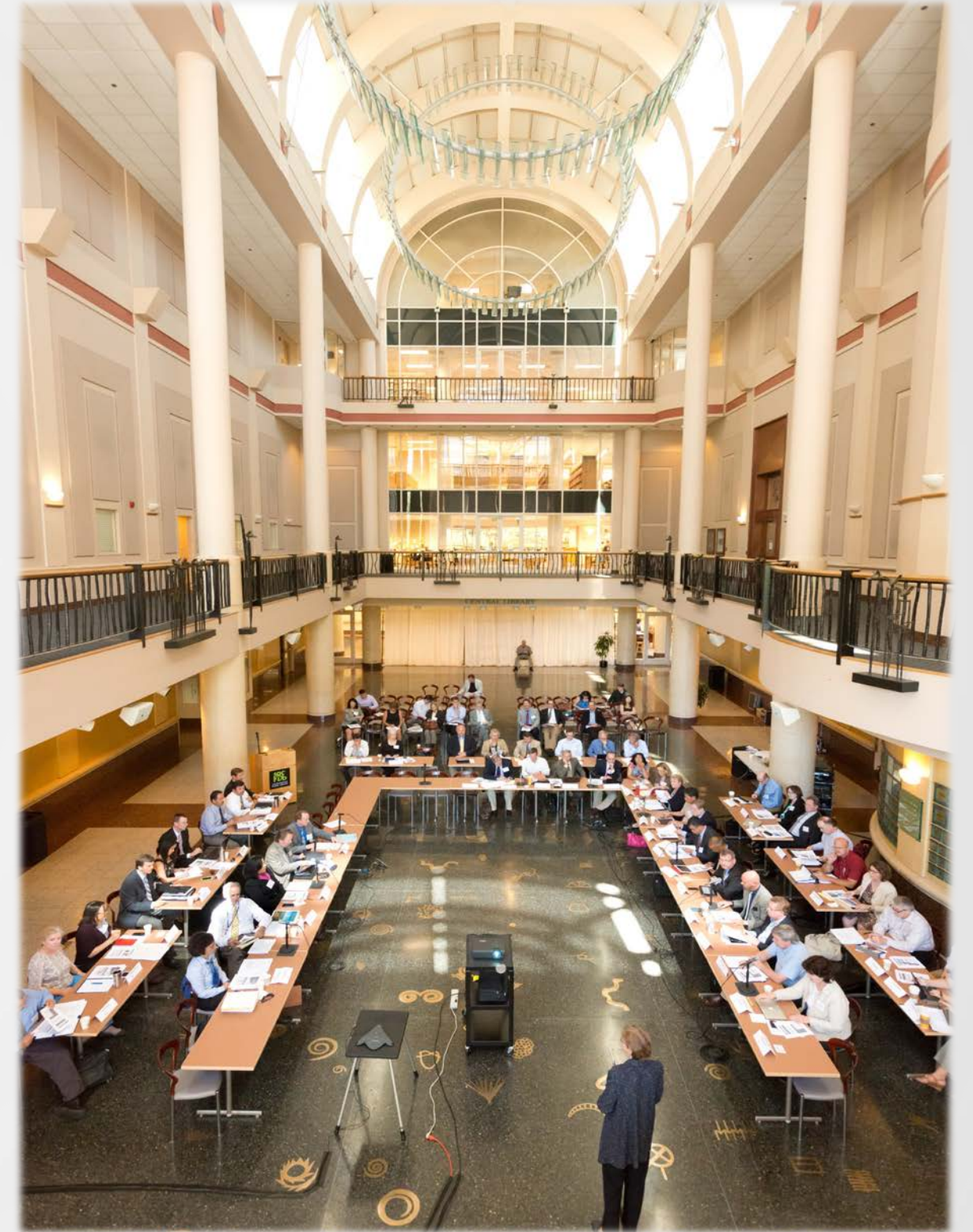
California Aqueduct Subsidence

- 3 feet of subsidence during recent drought
- Deep groundwater pumping
- Restore delivery capacity for reliable water deliveries
- Operational flexibility
- Long term infrastructure resiliency

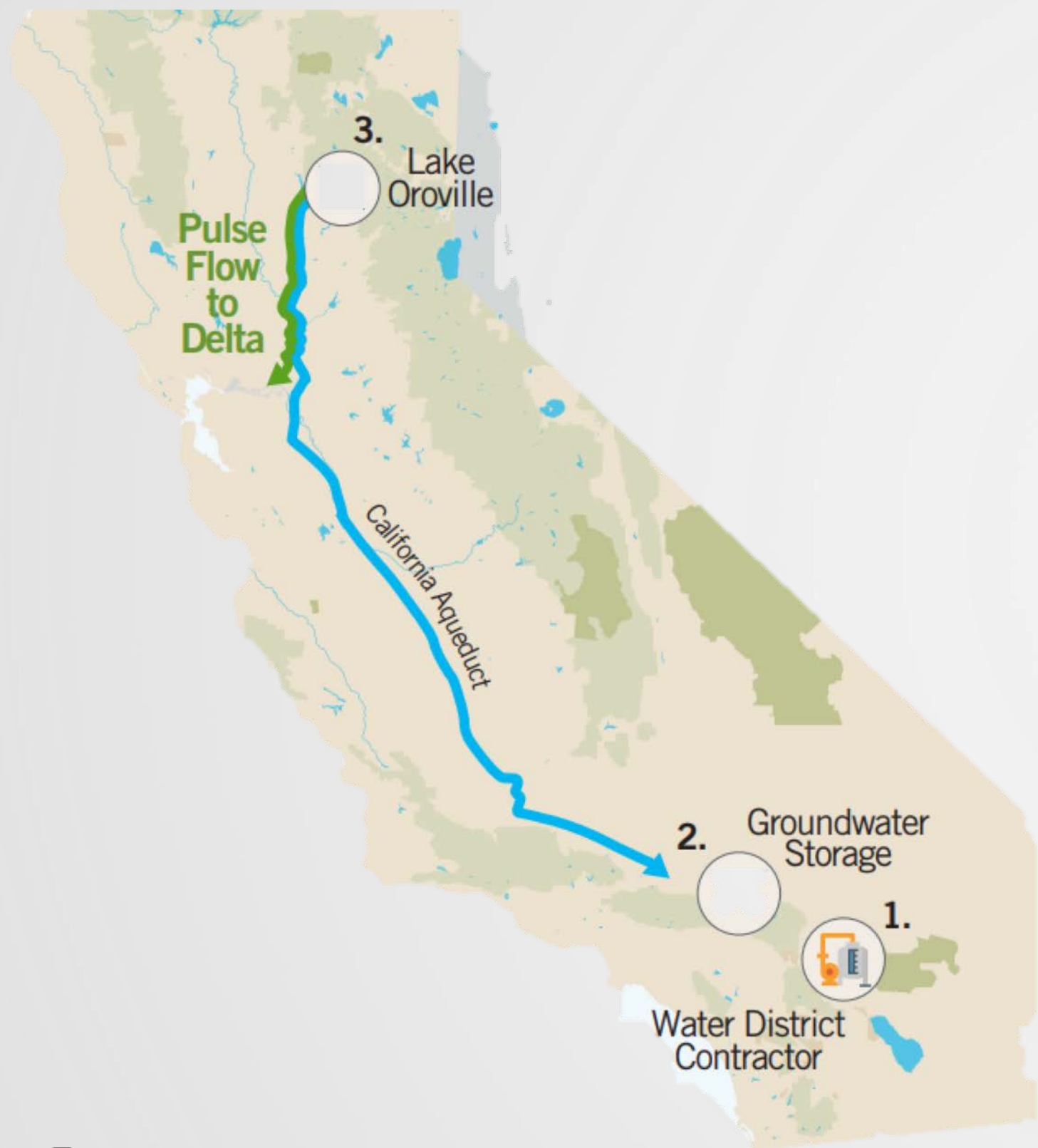


SWP Water Supply Contracts

- Contract Extension
 - 2035 to 2085
 - Addition of Chief Financial Manager
 - New billing process: Pay-Go
- Water Management Tools
 - Flexibility for Water Transfers
- Water Supply Investment Program



Water Supply Investment Program



- Collaborative effort between Water Commission, DWR, and resource agencies
- SWP Partnering on 5 projects
 - Expanding existing reservoirs
 - Boosting groundwater storage
 - Building 21st century water storage facilities
- Pulse flows for public benefit



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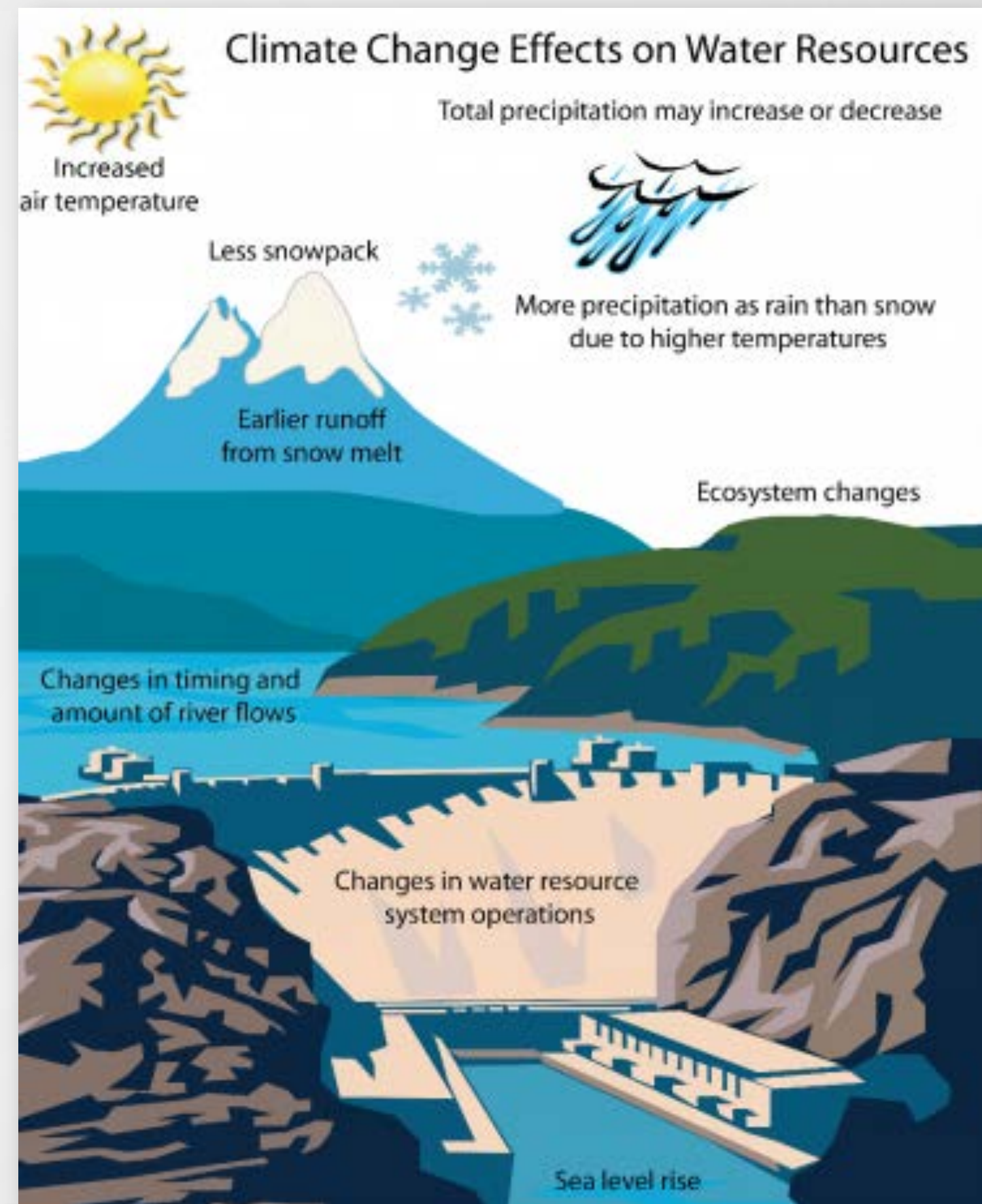


Climate Change

- Climate Action Plan
- SWP power portfolio carbon-free by 2045
- Refining water planning models
- Flood control manual update
- Forecast-informed reservoir operations



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Environmental Restoration

- Biological Opinions and Incidental Take Permits
- Habitat Restoration and Enhancement Projects
- Increase Science, Monitoring, Sampling and Reporting
- Long-Term Operations



THANK YOU

Questions?



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